

# Part 573 Safety Recall Report

## 22V-025

**Manufacturer Name :** Rosenbauer America

**Submission Date :** MAR 21, 2022

**NHTSA Recall No. :** 22V-025

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** Rosenbauer America

**Address :** 5190 260th street

Wyoming MN 55092

**Company phone :** 6514621000

### Population :

**Number of potentially involved :** 20

**Estimated percentage with defect :** 5 %

### Vehicle Information :

**Vehicle 1 :** 2021-2021 Rosenbauer Commander

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Meritor is recalling certain 180 Series Drive Pinions which are installed in some Rosenbauer Commanders and Warriors due to them possibly fracturing. The fracture of the pinion may hit the brake drop hose which may unintentionally apply the parking brake without detection or brake lights coming on, possibly resulting in a crash.

**Production Dates :** JAN 25, 2021 - JAN 21, 2022

**VIN Range 1 :** Begin : 54F2FBCL9MWM12934 End : 54F8JECH9MWM12938  Not sequential

**Vehicle 2 :** 2021-2021 Rosenbauer Warrior

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Meritor is recalling certain 180 Series Drive Pinions which are installed in some Rosenbauer Commanders and Warriors due to them possibly fracturing. The fracture of the pinion may hit the brake drop hose which may unintentionally apply the parking brake without detection or brake lights coming on, possibly resulting in a crash.

**Production Dates :** JAN 25, 2021 - JAN 21, 2022

**VIN Range 1 :** Begin : 54F2FBCL9MWM12934 End : 54F8JECH9MWM12938  Not sequential

**Description of Defect :**

Description of the Defect : The drive pinion is possibly susceptible to fracturing due to the pinion and yoke spline interacting which may result in an overstress condition. The fracture of the pinion may hit the brake drop hose which may unintentionally apply the parking brake without detection or brake lights coming on, possibly resulting in a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fractured drive pinion may contact the brake drop hose and unintentionally engage the parking brake without detection or without the brake lights activating, increasing the risk of a crash.

Description of the Cause : Meritor is still investigating but it could be due to the pinion and yoke spline interaction during the assembly process.

Identification of Any Warning that can Occur : The driver may hear an audible noise and feel the vehicle slowing down due to loss of propulsion from the drive axle should the pinion fracture.

**Involved Components :**

Component Name 1 : Rear Axle Carrier

Component Description : Pinion 180 Series

Component Part Number : NR

**Supplier Identification :****Component Manufacturer**

Name : Meritor

Address : NR

NR

Country : NR

**Chronology :**

On January 5, 2022 Rosenbauer was alerted in a meeting that we had recalled product from Meritor. Rosenbauer is in the process of locating all the impacted trucks and will reach out to Meritor for remedy trucks in Production prior to shipment. All but one truck identified to be in production was inspected and remedied by Meritor the week of 2/14/22 at Rosenbauer's facilities. There is one final truck that once complete at our

Nebraska location, will travel back to SD and receive the inspection and remedy. On 3/9/22, Meritor's quality manager reached out to Rosenbauer alerting them that the population has expanded and he sent a new list of additional trucks. As of 3/21/22, we still have not decided on how to fix these trucks and Rosenbauer and Meritor will meet to discuss the plan as some are in production but most are delivered.

## Description of Remedy :

**Description of Remedy Program :** Rosenbauer will provide the remedy at free of charge to our customers and dealers. We will work with Meritor on any reimbursement. As of March 21, 2022, the final remedy is not solidified with Meritor and I have requested a meeting to discuss further. One option is to have the customers take their truck to a Meritor-approved service provider and that service provider can replace the carrier. However, I am unsure if parts will be available so the customer will need to plan ahead.

**How Remedy Component Differs from Recalled Component :** Unknown at this time.

**Identify How/When Recall Condition was Corrected in Production :** We are in the process of working with Meritor on a remedy and applying that to trucks in Production. The trucks in production were tested by a Meritor representative using an ultrasonic test machine. We had 2 failures that were remedied by a local approved Meritor service provider who replaced the carriers provided by Meritor. TBD how the additional trucks will be remedied.

## Recall Schedule :

**Description of Recall Schedule :** Rosenbauer will notify customers and dealers within 60 days of today. We will alert our dealers with an informal notification via email if we have trucks in the field that are impacted. We may have to send an interim letter to our customers if we can not identify the remedy in time.

**Planned Dealer Notification Date :** MAR 25, 2022 - MAR 29, 2022

**Planned Owner Notification Date :** MAR 25, 2022 - MAR 29, 2022

\* NR - Not Reported